

What is claimed is:

1. A method for treating a decline in cognitive function related to male menopause in men comprising administering a selective antiestrogen.

2. A method for treating Alzheimer's disease related to male menopause in men comprising administering a selective antiestrogen.

3. A method for treating insulin resistance related to male menopause in men comprising administering a selective antiestrogen.

4. A method for treating weight gain related to male menopause comprising administering a selective antiestrogen.

5. A method for treating type 2 diabetes related to male menopause comprising administering a selective antiestrogen.

6. The method according to claim 1, 2, 3, 4, or 5, wherein the selective antiestrogen is tamoxifen.

7. The method according to claim 1, 2, 3, 4, or 5, wherein the selective antiestrogen is tamoxifen citrate.

8. The method according to claim 1, 2, 3, 4, or 5, wherein the selective antiestrogen is clomiphene.

9. The method according to claim 1, 2, 3, 4, or 5, wherein the selective antiestrogen is clomiphine citrate.

10. The method according to claim 9, wherein the clomiphine citrate comprises the cis isomer.

11. The method according to claim 9, wherein the clomiphine citrate comprises the trans isomer.

12. A method of treating Alzheimer's disease, comprising administering a selective antiestrogen.

13. A method of treating insulin resistance, comprising administering a selective antiestrogen.

14. A method of treating type 2 diabetes, comprising administering a selective antiestrogen.

15. A method of treating a decline in cognitive function, comprising administering a selective antiestrogen.

16. A method of treating weight gain, comprising administering a selective antiestrogen.

17. The method according to claim 12, 13, 14, 15, or 16, wherein the selective antiestrogen is tamoxifen.

18. The method according to claim 12, 13, 14, 15, or 16, wherein the selective antiestrogen is tamoxifen citrate.

19. The method according to claim 12, 13, 14, 15, or 16, wherein the selective antiestrogen is clomiphine.

20. The method according to claim 12, 13, 14, 15, or 16, wherein the selective antiestrogen is clomiphine citrate.

21. The method according to claim 20, wherein the clomiphine citrate comprises the cis isomer.

22. The method according to claim 20, wherein the clomiphine citrate comprises the trans isomer.